

02/20/02
U.S. PTO
J1132 February 20, 2002

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JC996 U.S. PTO
10/07/907
02/20/02

UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket Number: 018842.1204
 First Named Inventor: Tomohiro Chiba
 Title: Stacked-Type, Multi-Flow Heat Exchangers

TO: **BOX PATENT APPLICATION**
 Commissioner for Patents
 Washington, D.C. 20231

Sir:

Attached are the following for filing with the U.S. Patent and Trademark Office:

1. Fee Transmittal Form (original and duplicate)
2. Specification - Total Pages: 11 (Including Abstract)

CLAIMS AS FILED						
	Claims Filed	Basic Fee Claims	Extra	Rate		Amount
				Large Entity	Small Entity	
Total Claims	6	20	0	\$ 18.00	\$ 9.00	\$ 0.00
Independent Claims	2	3	0	\$ 84.00	\$ 42.00	\$ 0.00
First Presentation of Multiple Dependent Claims				\$ 280.00	\$ 140.00	\$ 0.00
BASIC FEE				\$ 740.00	\$ 370.00	\$ 740.00
TOTAL FILING FEE						\$ 740.00

3. Drawings - Total Sheets: 13 (Fig(s). 1-17)
4. Oath or Declaration - Total Pages: 2
 - a. Newly executed (original or copy)
 New (unexecuted)
 - b. Copy from a prior application
 (for continuation/divisional with Box 17 completed)
 - i. DELETION OF INVENTOR(s):
 Signed statement attached deleting inventor(s) named in prior application.
5. Incorporation By Reference (useable if Box 4b is marked)

Commissioner for Patents
February 20, 2002
Page 2

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies
8. Assignment and Assignment Recordation Form
9. 37 C.F.R. 3.73(b) Statement Power of Attorney
10. English Translation Document (if applicable)
11. Information Disclosure Statement with PTO-1449 and References
 Copies of Information Disclosure Statement Citations
12. Preliminary Amendment
13. Return Receipt Postcard
14. Small Entity Statement(s) Independent Inventor
 Small Business Concern
 Non-Profit Organization
 Statement Filed in Prior Application; Status Still Proper and Desired
15. Foreign Priority is Claimed as Follows:
Japanese Patent Application No. P2001-065007 filed on March 8, 2001

 If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16. Other: Application Data Sheet
17. Continuation Divisional Continuation-in-Part of
Prior Application No.: _____ filed _____
 Complete Application Based on Provisional Application No.: _____
filed _____

Commissioner for Patents
February 20, 2002
Page 3

18. A new power of attorney or authorization of agent (PTO/SB/81) is as follows:

The power of attorney is to:



24735

PATENT TRADEMARK OFFICE



Please remove as power of attorney:

Please add as power of attorney:

19. Please address all correspondence to:



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PATENT TRADEMARK OFFICE

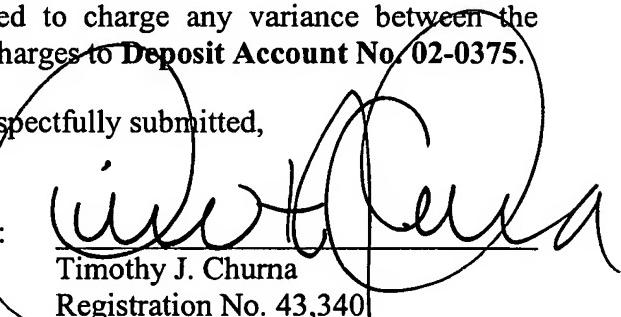


20. A check in the amount of \$ 740.00 is enclosed. In the event any variance exists between the amount enclosed and the Patent Office charges, please charge or credit any such variance to Deposit Account No. 02-0375.

The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to Deposit Account No. 02-0375.

Respectfully submitted,

By:


Timothy J. Churna
Registration No. 43,340
for James B. Arpin
Registration No. 33,470

JBA/TJC/dh
Enclosures

02/20/02

FEE TRANSMITTAL

[BOX PATENT APPLICATION]

Total Amount Of Payment (\$)

740.00

Complete If Known

Application No.	To be assigned
Filing Date	February 20, 2002
First Named Inventor	Tomohiro Chiba
Examiner Name	To be assigned
Group Art Unit	To be assigned

Attorney Docket No. 018842.1204

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to **Deposit Account No. 02-0375** in the name of Baker Botts L.L.P.
- Charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 to **Deposit Account No. 02-0375**.
2. Check Enclosed. The Commissioner is hereby authorized to charge any variance between the amount enclosed and the Patent Office charges to **Deposit Account No. 02-0375** in the name of Baker Botts L.L.P., The Warner, Suite 1300, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2400.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description	Fee Paid
<input type="checkbox"/> Surcharge - late filing fee or oath	\$
<input type="checkbox"/> Surcharge - late provisional filing fee or cover sheet	\$
<input type="checkbox"/> Extension for reply with _____ month	\$
<input type="checkbox"/> Notice of Appeal	\$
<input type="checkbox"/> Filing Brief in Support of Appeal	\$
<input type="checkbox"/> Request for Oral Hearing	\$
<input type="checkbox"/> Utility Issue Fee (or reissue)	\$
<input type="checkbox"/> Design Issue Fee	\$
<input type="checkbox"/> Plant Issue Fee	\$
<input type="checkbox"/> Petitions to Commissioner	\$
<input type="checkbox"/> Petition to Revive (unavoidable)	\$
<input type="checkbox"/> Petition to Revive (unintentional)	\$
<input type="checkbox"/> Petitions Related to Provisional Applications	\$
<input type="checkbox"/> Submission of Information Disclosure Statement	\$
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<input type="checkbox"/> Recordation of Assignment Document	\$
<input type="checkbox"/> Filing Request for Reexamination	\$
<input type="checkbox"/> Other (specify) Advanced Patent Copies	\$

FEE CALCULATION

1. BASIC FILING FEE Large Entity Small Entity

Fee Paid

Utility Filing Fee	\$740.00
Design Filing Fee	\$
Plant Filing Fee	\$
Reissue Filing Fee	\$
Provisional Filing Fee	\$

2. EXTRA CLAIMS FEES

CLAIMS AS AMENDED

For	Number Present	Highest Number Paid For	Extra	Rate		Amount
				Large Entity	Small Entity	
TOTAL CLAIMS	6	20		x \$ 18.00	x \$ 9.00	\$0.00
INDEPENDENT CLAIMS	2	3		x \$ 84.00	x \$ 42.00	\$0.00
MULTIPLE DEPENDENT CLAIMS				\$ 280.00	\$ 140.00	\$0.00
TOTAL EXTRA CLAIMS FEES						

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Timothy J. Churin, for James B. Arpin, Reg. No. 33,470	Registration No.	48,340
Signature	<i>Timothy J. Churin</i>	Date	02/20/02
			Deposit Account User ID
			02-0375